

Release notes for ENDF/B Development dec-044\_Ru\_116  
evaluation

**ENDF**  
**B-VII**.dev

October 14, 2016

- fizcon Errors:

1. Energies released in decay not adding up!  
*MAT=1227, MF= 8, MT=457 (1): Bad energy sum*

```
ERROR(S) FOUND IN MAT=1227, MF= 8, MT=457
TOTAL ENERGY RELEASE SUMUP FAILURE
WHOLE= 6.57039E+06 SUM= 3.83160E+06
```

2. Energies released in decay not adding up!  
*MAT=1227, MF= 8, MT=457 (2): Bad energy sum*

```
ERROR(S) FOUND IN MAT=1227, MF= 8, MT=457
GAMMA AVERAGE ENERGY SUMUP FAILURE
WHOLE= 1.60011E+06 SUM= 1.62055E+06
```

3. Energies released in decay not adding up!  
*MAT=1227, MF= 8, MT=457 (3): Bad energy sum*

```
ERROR(S) FOUND IN MAT=1227, MF= 8, MT=457
BETA MULTIPLICITY SUMUP FAILURE
WHOLE= 1.00000E+00 SUM= 1.00025E+00
```

4. Energies released in decay not adding up!  
*MAT=1227, MF= 8, MT=457 (4): Bad energy sum*

```
ERROR(S) FOUND IN MAT=1227, MF= 8, MT=457
BETA AVERAGE ENERGY SUMUP FAILURE
WHOLE= 2.20576E+06 SUM= 2.21076E+06
```

5. Energies released in decay not adding up!  
*MAT=1227, MF= 8, MT=457 (5): Bad energy sum*

```
ERROR(S) FOUND IN MAT=1227, MF= 8, MT=457
NEUTRON AVERAGE ENERGY SUMUP FAILURE
WHOLE= 2.84772E+02 SUM= 2.97850E+02
```